

WHAT IS CLAIMED IS:

1. A wireless LAN system to be connected to a bi-directional CATV system, comprising an access point capable of being accessed from wireless terminal,

wherein the bi-directional CATV system comprises a wireless transmission section for transmitting signals by wireless in transmission path between a center equipment of the bi-directional CATV system and the access point,

and a transmission frequency band used for transmitting signals in the wireless access section between the access point and the wireless terminal, and a transmission frequency band used for transmitting signals in the wireless transmission section are set to be distinct from each other.

2. A wireless LAN system set forth in claim 1, wherein said wireless transmission section is provided in outside transmission path to said access point from a branching device for branching a lead-in wire from a transmission line of said bi-directional CATV system.

3. A wireless LAN system set forth in claim 1, wherein both higher and lower frequency bands than a frequency band for transmitting downward signal directed to said terminal from said center equipment are set for transmitting upward signal directed to said center equipment from said terminal in said bi-directional CATV system.